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Attitudes Toward Water Resources (I)

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Water Quality Information Center

April 1994

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Attitudes Toward Water Resources

1

NAL Call. No.: SB436.J6

3PF--what it means to you!.

Wilkinson, J.F.

Urbana, Ill. : International Society of Arboriculture; 1989 Mar.

Journal of arboriculture v. 15 (3): p. 58-61; 1989 Mar.

Language: English

Descriptors: Urban areas; Regulations; Pesticide application; Tending of stands and trees; Public opinion; Health hazards; Legal systems; Safety at work

2

NAL Call. No.: SB610.W39

Addressing public fears over pesticides.

Major, C.S.

Champaign, Ill. : The Society; 1992 Apr.

Weed technology : a journal of the Weed Science Society of America v. 6 (2): p. 471-472; 1992 Apr. Paper presented at the "Symposium on Systems Agriculture: Inquiry and Action for Global Applications," February 7, 1991, Louisville, Kentucky. Includes references.

Language: English

Descriptors: Pesticides; Public opinion; Agricultural chemicals; Food production; Health hazards; Perception; Problem analysis

3

NAL Call. No.: S622.L26

Adoption of soil conservation practices: an empirical analysis in Ontario, Canada.

Smit, B.; Smithers, J.

Chichester, West Sussex, England : John Wiley & Sons, Ltd; 1992 Apr.

Land degradation & rehabilitation v. 3 (1): p. 1-14; 1992 Apr. Includes references.

Language: English

Descriptors: Ontario; Agricultural land; Land use; Soil conservation; Innovation adoption; Technology transfer; Farmers' attitudes; Constraints; Land management; Environmental degradation

4

NAL Call. No.: S605.5.A43

Advisory/oversight councils: an alternative approach to farmer/citizen participation in agenda setting at land-grant universities.

Stevenson, G.W.; Klemme, R.M.

Greenbelt, Md. : Institute for Alternative Agriculture; 1992.

American journal of alternative agriculture v. 7 (3): p. 111-117; 1992. Includes references.

Language: English

Descriptors: Wisconsin; Agricultural education; University research; Farmers' attitudes; Environmental education; Environmental policy; Experimental stations; Extension

Abstract: Reviews of historical and organizational literature provide the backdrop for a general discussion of citizen input into land-grant universities and for a specific case study the Citizens Advisory/Oversight Council of the Center for Integrated Agricultural Systems (CIAS) at the University of Wisconsin-Madison. This strong citizens' council, established in 1989, took its form in response to institutionally structured fears among university personnel, on one hand, and farmers and citizen groups on the other. Each group's recognition that the other's concerns were legitimate led to an acceptable resolution. We describe the principal characteristics of the resulting successful CIAS Council that is composed of farmers and representatives of the state's environmental community. Such councils facilitate new approaches to integrating the craft and science of farming, and for linking the production side of agricultural systems with policy issues.

5

NAL Call. No.: TD427.A35A47

Agricultural and ground water quality farmers' perceptions in five diverse sites.

Esseks, J. Dixon

Agricultural Law and Policy Institute, Northern Illinois University, Center for Governmental Studies

Minneapolis, Minn. : The Institute,; 1989.

135 p. : maps ; 28 cm. Report on a survey sponsored by the Agricultural Law and Policy Institute and funded by a grant from the Andrew W. Mellon Foundation. May 1989. Includes bibliographical references (p. 132-135).

Language: English

Descriptors: Agricultural chemicals; Water, Underground

6

NAL Call. No.: S441.A39

Agriculture and the environment a study of farmer practices and perceptions : highlights and summary.

American Farmland Trust

Washington, D.C. : The Trust, [1990?]; 1990.

iv, 24 leaves ; 28 cm. Cover title. January 1990.

Language: English

Descriptors: Farmers; United States; Attitudes; Tillage; United States; Agriculture and state; United States; Fertilizers; United States; Agricultural ecology; United States

7

NAL Call. No.: S441.A392 1990

Agriculture and the environment a study of farmer practices and perceptions : report on a survey.

Esseks, J. Dixon; Kraft, Steven E.; Vinis, Lucy K.

American Farmland Trust, Resource Management Consultants, Northern Illinois University, Center for Governmental Studies
Washington, D.C. : American Farmland Trust,; 1990.
iii, 150 p. : map ; 28 cm. February 1990. Report produced by the Center for Governmental Studies, Northern Illinois University. Includes bibliographical references (p. 149-150).

Language: English

Descriptors: Farmers; Tillage; Agriculture and state; Agricultural ecology

8

NAL Call. No.: S494.5.S86S8

Agriculture in transition.

Poincelot, R.P.

Binghamton, N.Y. : Food Products Press; 1990.

Journal of sustainable agriculture v. 1 (1): p. 9-40; 1990. Includes references.

Language: English

Descriptors: U.S.A.; Sustainability; Farming systems; Alternative farming; Resource utilization; Environmental degradation; Water pollution; Air pollution; Energy expenditure; Problem analysis; Problem solving; Energy conservation; Soil conservation; Water conservation; Innovation adoption; Agricultural research; Public opinion; Agricultural policy; Agricultural production; Profitability

9

NAL Call. No.: 99.8 F762

Air pollution and forests: an update.

Kaufman, W.

Washington, D.C. : American Forestry Association; 1989 May.

American forests v. 95 (5/6): p. 36-44. ill; 1989 May.

Language: English

Descriptors: U.S.A.; Forest damage; Air pollution; Acid rain; Public opinion; Politics

10

NAL Call. No.: SB950.2.A1J58

The alar controversy: how an outraged public banned a carcinogenic chemical.

Hathaway, J.S.

Eugene, Or. : The Coalition; 1990.

Journal of pesticide reform : a publication of the Northwest Coalition for Alternatives to Pesticides v. 10 (3): p. 4-6; 1990. Includes references.

Language: English

Descriptors: Apples; Growth; Daminozide; Carcinogens; Public opinion; Consumer attitudes

11

NAL Call. No.: 100 AL1H

Animal waste disposal becoming a public issue.

Molnar, J.J.; Wu, L.S.

Auburn University, Ala. : The Station; 1988.

Highlights of agricultural research - Alabama Agricultural Experiment Station v. 35 (4): p. 6; 1988.

Language: English

Descriptors: Alabama; Animal manures; Waste disposal; Waste utilization; Enumeration surveys; Public opinion; Application to land; Environmental pollution

12

NAL Call. No.: 80 G85W

Are pesticide testing programs promoting fear?.

McMinn, F.

Willoughby, Ohio : Meister Pub. Co; 1988 Sep.

Western fruit grower v. 108 (9): p. 24-25, 30-31; 1988 Sep.

Language: English

Descriptors: Pesticides; Pesticide contaminants; Food contamination; Toxicity; Food safety; Testing; Program effectiveness; Consumer protection; Consumer attitudes

13

NAL Call. No.: 280.8 J822

Attitudes and farmer conservation behavior.

Lynne, G.D.; Shonkwiler, J.S.; Rola, L.R.

Ames, Iowa : American Agricultural Economics Association; 1988 Feb.

American journal of agricultural economics v. 70 (1): p. 12-19; 1988 Feb.

Includes references.

Language: English

Descriptors: Florida; Soil conservation; Decision making; Farmers' attitudes; Innovation adoption; Technical progress; Moral values; Beliefs; Behavior modeling

14

NAL Call. No.: FULD1780 1991.M359

Attitudes and knowledge of agricultural producers and homeowners concerning water quality in the Lake Manatee Watershed.

Marrich, Amy,

1991; 1991.

ix, 62 leaves : ill., map ; 29 cm. Typescript. Vita. Includes bibliographical references (leaves 59-61).

Language: English; English

Descriptors: Water quality; Water quality management; Attitude (Psychology)

15

NAL Call. No.: SB317.5.L65

Attitudes of pesticide applicators on waste reduction.
Riverhead, N.Y. : Cornell Cooperative Extension; 1993 Jan.
Long Island horticulture news. p. 1; 1993 Jan.

Language: English

Descriptors: Pesticides; Attitudes to work; Surveys; Waste disposal

16

NAL Call. No.: 56.8 J822

Attitudes toward a proposed soil conservation program.
Napier, T.L.; Camboni, S.M.
Ankeny, Iowa : Soil Conservation Society of America; 1988 Mar.
Journal of soil and water conservation v. 43 (2): p. 186-191; 1988 Mar.
Includes references.

Language: English

Descriptors: Ohio; Soil conservation; Erosion; Farmers' attitudes; Farm surveys; Prediction; Diffusion models; Demography

17

NAL Call. No.: SB611.W66

Avoiding public controversy on the use of herbicides.
Mullison, W.R.
Boca Raton, Fla. : CRC Press; 1989.
Woody brush control / editor, Edward D. Gangstad. p. 57-73; 1989. Includes references.

Language: English

Descriptors: U.S.A.; Herbicide application; Health hazards; Public opinion; Media (communication); Public health; Food contamination; Food poisoning; Environmental protection

18

NAL Call. No.: 80 G85W

Battling pesticide perceptions.
Aylsworth, J.
Willoughby, Ohio : Meister Pub. Co; 1988 May.
Western fruit grower v. 108 (5): p. 13; 1988 May.

Language: English

Descriptors: Fruits; Vegetables; Plant protection; Pesticides; Pesticide residues; Consumer protection; Consumer surveys; Perception; Food safety; Consumer education

19

NAL Call. No.: 57.8 C734

Beneficial biosolids.
Logsdon, G.
Emmaus, Pa. : J.G. Press; 1993 Feb.
BioCycle v. 34 (2): p. 42, 44; 1993 Feb.

Language: English

Descriptors: Washington; Hordeum vulgare; Triticum aestivum; Sewage sludge;
Municipal refuse disposal; Application rates; Application date; Cost benefit
analysis; Farmers' attitudes; Public opinion

20

NAL Call. No.: TD172.J62

Beyond chemophobia: a reasonably apprehensive view of chemical
industrialization and agriculture.
Silbergeld, E.K.
New York, N.Y. : Marcel Dekker; 1990-1991.
Environmental carcinogenesis review : Part C of the journal of environmental
science and health v. 8 (2): p. 245-252; 1990-1991. Includes references.

Language: English

Descriptors: Agricultural chemicals; Pollution; Environmental protection;
Health hazards; Environmental policy; Public opinion; International
cooperation

21

NAL Call. No.: 79.9 W52

The "Big Green" initiative-public perception becomes political reality in
California.
Voss, H.
Reno, Nev. : The Society; 1991.
Proceedings - Western Society of Weed Science v. 44: p. 15-18; 1991.
Meeting held March 12-14, 1991, Seattle Washington.

Language: English

Descriptors: California; Public opinion; Pesticides; Environmental
protection; Environmental legislation

22

NAL Call. No.: 30.98 AG8

Bombshell in Beltsville: the USDA and the challenge of "silent spring".
Lear, L.J.
Berkeley, Calif. : University of California Press; 1992.
Agricultural history v. 66 (2): p. 151-170; 1992. In the series analytic:
History of agriculture and the environment / edited by D.E. Bowers and D.
Helms. A Special Symposium, June 19-22, 1991, Washington, D.C. Literature
review. Includes references.

Language: English

Descriptors: Maryland; U.S.A.; Agriculture; History; Pesticide residues;
Pollution; Public opinion; Scientists; Usda; Literature reviews

23

NAL Call. No.: 57.8 C734

Building acceptance for biosolids utilization.

Stark, S.A.

Emmaus, Pa. : J.G. Press; 1993 Apr.

BioCycle v. 34 (4): p. 78-80; 1993 Apr.

Language: English

Descriptors: Minnesota; Sewage sludge; Fertilizers; Farmers' attitudes;
Extension education; Demonstration farms

24

NAL Call. No.: SB957.R47

California: a look ahead, a look behind.

Miller, T.A.

East Lansing, Mich. : Pesticide Research Center, Michigan State University;
1991 Feb.

Resistant pest management v. 3 (1): p. 2-5; 1991 Feb. Editorial.

Language: English

Descriptors: California; Crop production; Pest control; Pesticides; State
government; Biological control; Insecticide resistance; Economic impact;
Public opinion

25

NAL Call. No.: 6 F2212

Caught in the cracks of compliance.

Taylor, M.Z.

Philadelphia, Pa. : The Journal; 1988 May.

Farm journal. p. 17-18. ill; 1988 May.

Language: English

Descriptors: U.S.A.; Soil conservation; Federal programs; Farmland; Erosion
control; Cropping systems; Cultivation methods; Regulations; Farmers'
attitudes

26

NAL Call. No.: Q1.A3M5

Citizen attitudes, knowledge and participation in environmental
policy-making: Michigan, Ontario, and the case of acid rain.

Klemanski, J.S.; Steel, B.S.

Ann Arbor, Mich. : The Michigan Academy of Science, Arts, and Letters; 1989.

Michigan academician v. 21 (2): p. 175-189; 1989. Includes references.

Language: English

Descriptors: Michigan; Ontario; Acid rain; Surveys; Urban population; Public
opinion; Environmental pollution; Environmental policy; Decision making;
Risks; Assessment

27

NAL Call. No.: HM208.E5

Citizens initiate ballot measures.

Johnson, J.M.

Washington, D.C. : Heldref Publications; 1990 Sep.

Environment v. 32 (7): p. 4-5, 43-45. maps; 1990 Sep. Includes references.

Language: English

Descriptors: U.S.A.; Environmental legislation; Environmental policy; Public opinion; Environmental protection; Social participation

28

NAL Call. No.: SB379.A9A9

Committee formed to help reduce reliance on agricultural chemicals.

Carpinteria, Calif. : Rincon Information Management Corporation; 1992 Apr.

California grower v. 16 (9): p. 7; 1992 Apr.

Language: English

Descriptors: California; Alternative farming; Pesticides; State government; Environmental impact; Environmental policy; Pest control; Public opinion

29

NAL Call. No.: TD420.A1E5

Communicating environmental health risks.

Boyle, M.; Holtgrave, D.

Washington, D.C. : American Chemical Society; 1989 Nov.

Environmental science & technology v. 23 (11): p. 1335-1337. ill; 1989 Nov. Includes references.

Language: English

Descriptors: Environmental pollution; Health hazards; Pollutants; Public health; Public opinion; Information dissemination; Communication

30

NAL Call. No.: 56.8 J822

Communicating water quality risk.

Scherer, C.W.

Ankeny, Iowa : Soil and Water Conservation Society of America; 1990 Mar.

Journal of soil and water conservation v. 45 (2): p. 198-200; 1990 Mar. Includes references.

Language: English

Descriptors: Water quality; Risk; Public relations; Perception

31

NAL Call. No.: HD9049.C8U6 1990

Community attitudes about degradable plastic bags for yard waste collection.

Leonas, K.K.
s.l. : s.n.; 1990.
Corn Utilization Conference III proceedings / National Corn Growers
Association : sponsored by CIBA-GEIGY Seed Division. 4 p.; 1990. Includes
references.

Language: English

Descriptors: Illinois; Polyethylene film; Biodegradation; Public opinion

32

NAL Call. No.: 282.8 J82

Conservation tillage: the role of farm and operator characteristics and the
perception of soil erosion.

Gould, B.W.; Saupe, W.E.; Klemme, R.M.

Madison, Wis. : University of Wisconsin Press; 1989 May.

Land economics v. 65 (2): p. 165-182; 1989 May. Includes references.

Language: English

Descriptors: Wisconsin; Erosion; Conservation; Tillage; Farmers' attitudes;
Innovation adoption; Probability analysis; Econometric models; Probit
analysis

33

NAL Call. No.: S622.2.C66

Conserving soil by stealth.

Shaxson, T.F.

Ankeny, Iowa : Soil and Water Conservation Society; 1988.

Conservation farming on steep lands / W.C. Moldenhauer and N.W. Hudson,
editors. p. 9-17. ill; 1988. Material originally presented at a workshop
held in San Juan, Puerto Rico, March 22-27, 1987, and organized by the World
Association of Soil and Water Conservation and the Soil and Water
Conservation Society. Includes references.

Language: English

Descriptors: Soil conservation; Farmers' attitudes; Land reclamation; Case
studies

34

NAL Call. No.: 389.8 B77

Consumer attitudes to organic foods.

Beharrell, B.; MacFie, J.H.

Bradford : MCB University Press; 1991.

British food journal v. 93 (2): p. 25-30; 1991. Includes references.

Language: English

Descriptors: Uk; Organic foods; Consumer attitudes; Food acceptability; Food
quality; History; Standards; Water quality; Nutritive value; Purchasing
habits

Abstract: The apparent conflict between what is scientifically known and

what is perceived concerning food acceptability by consumers provides an interesting paradox. Some of the leading international contributions concerned with organic farming system food products are thus reviewed in the light of consumer beliefs and attitudes. It is concluded that, in a market economy, consumer opinion will gradually prevail and that agricultural farming systems will have to adjust to more extensive lower input farming approaches.

35

NAL Call. No.: TP373.5.J62

Consumer response to information on integrated pest management.
Bruhn, C.; Peterson, S.; Phillips, P.; Sakovidh, N.
Trumbull, Conn. : Food & Nutrition Press; 1992.
Journal of food safety v. 12 (4): p. 315-326; 1992. Includes references.

Language: English

Descriptors: Food safety; Pesticide residues; Communication; Integrated pest management; Consumer attitudes; Consumer information; Surveys; Demography; Perception; Risk

Abstract: Risk communication theory is used to address consumer concerns about food safety and pesticide residues. Risk perception is a function of actual hazard and "outrage" factors. If concerns are acknowledged and information is provided on how risks are being addressed, the outrage component of perception is reduced. Two 2-min videos were prepared to present information on the environmentally, responsive integrated management (IPM) approach to farming. The video was shown to a total of 197 consumers in controlled group settings. Although about 90% of participants expressed confidence in the safety of produce grown in California and the United States, 40% said they avoided some produce items due to safety concerns. Pre- and post-attitude assessments and group discussions documented a significant change in attitudes toward food safety, farming practices, and university efforts to help farmers. This project indicates that consumer concerns are significantly reduced when their knowledge of IPM practices is increased.

36

NAL Call. No.: S622.2.C66

Controlled-erosion terraces in Venezuela.
Williams, L.S.; Walter, B.J.
Ankeny, Iowa : Soil and Water Conservation Society; 1988.
Conservation farming on steep lands / W.C. Moldenhauer and N.W. Hudson, editors. p. 177-187; 1988. Material originally presented at a workshop held in San Juan, Puerto Rico, March 22-27, 1987, and organized by the World Association of Soil and Water Conservation and the Soil and Water Conservation Society. Includes references.

Language: English

Descriptors: Venezuela; Terracing; Upland areas; Soil conservation; Erosion control; Tropical zones; Terracing; Farmers' attitudes; Cost benefit analysis

37

NAL Call. No.: S544.3.N7S3

Cornell officials reject lowering standards to cut pesticide use.
Holder, W.
Canton, N.Y. : Agricultural Division, St. Lawrence County Cooperative
Extension Association; 1992 Sep.
St. Lawrence County agricultural news v. 76 (9): p. 11; 1992 Sep.

Language: English

Descriptors: Pesticide residues; Standards; Consumer attitudes; Agricultural
education

38

NAL Call. No.: HC79.E5N3

The Danube River basin: negotiating settlements to transboundary
environmental issues.
Linnerooth, J.
Albuquerque, N.M. : University of New Mexico School of Law; 1990.
Natural resources journal v. 30 (3): p. 629-660; 1990. Includes references.

Language: English

Descriptors: Europe; River water; Water quality; Water pollution;
International cooperation; Water management; River regulation; Regional
planning; Water use; Water power; Environmental impact; Economic
development; Role perception; Computer simulation; Decision making

39

NAL Call. No.: 79.9 C122

Dealing with public preceptions ... and surviving them.
Witt, T.L.
Fremont, Calif. : California Weed Conference; 1990.
Proceedings - California Weed Conference (42): p. 159-166; 1990. Meeting
held January 15-17, 1990, San Jose, California.

Language: English

Descriptors: Public opinion; Pesticides; Problem analysis

40

NAL Call. No.: SB950.2.A1J58

Defeating a Tasmanian pulp mill: an international effort to reduce dioxin
proliferation.
Griffith, S.
Eugene, Or. : The Coalition; 1989.
Journal of pesticide reform : a publication of the Northwest Coalition for
Alternatives to Pesticides v. 9 (1): p. 12-17. ill., maps; 1989. Includes
references.

Language: English

Descriptors: Tasmania; Environmental pollution; Chemicals; Pulp mill
effluent; International cooperation; Public opinion

41

NAL Call. No.: HD9000.A1J68

Degradables and other environmental issues.
Ricker, H.S.
Beltsville, Md. : Food Distribution Research Society; 1990 Feb.
Journal of food distribution research v. 21 (1): p. 105-109; 1990 Feb. In
series analytic: Food Distribution in a Changing Environment. Proceedings of
the 30th Annual Meeting. Includes references.

Language: English

Descriptors: Solid wastes; Supermarkets; Role perception; Recycling;
Packaging materials; Containers

42

NAL Call. No.: SB950.2.A1J58

Democracy at work or at stake? affecting the marketplace for pesticides and
alternatives.
O'Brien, M.
Eugene, Or. : The Coalition; 1990.
Journal of pesticide reform : a publication of the Northwest Coalition for
Alternatives to Pesticides v. 10 (3): p. 2-3; 1990. Includes references.

Language: English

Descriptors: Pesticides; Markets; Public opinion

43

NAL Call. No.: 280.8 J822

The econometrics of damage control: reply.
Lichtenberg, E.; Zilberman, D.
Ames, Iowa : American Agricultural Economics Association; 1989 May.
American journal of agricultural economics v. 71 (2): p. 445-446; 1989 May.
Includes references.

Language: English

Descriptors: Pesticide application; Econometric models; Usage; Application
methods; Farmers' attitudes; Pest resistance; Environmental degradation

44

NAL Call. No.: HD1751.C45

Economic advice and public decisions.
Harper, C.R.; Willis, C.E.
Ames, Iowa : American Agricultural Economic Association; 1989.
Choices : the magazine of food, farm and resource issues v. 4 (1): p. 33;
1989.

Language: English

Descriptors: U.S.A.; Massachusetts; Water composition and quality;
Regulations; Risks; Economic analysis; Decision making; Attitudes

45

NAL Call. No.: S622.2.C66

Elephant grass for soil erosion control and livestock feed.

Thomas, G.W.

Ankeny, Iowa : Soil and Water Conservation Society; 1988.

Conservation farming on steep lands / W.C. Moldenhauer and N.W. Hudson, editors. p. 188-193; 1988. Material originally presented at a workshop held in San Juan, Puerto Rico, March 22-27, 1987, and organized by the World Association of Soil and Water Conservation and the Soil and Water Conservation Society. Includes references.

Language: English

Descriptors: Dominican republic; Pennisetum purpureum; Erosion control; Animal feeding; Upland areas; Sloping sites; Crop yield; Gully control; Small farms; Cutting frequency; Farmers' attitudes

46

NAL Call. No.: 56.8 J822

The environment and the 1990 farm bill.

Benbrook, C.M.

Ankeny, Iowa : Soil Conservation Society of America; 1988 Nov.

Journal of soil and water conservation v. 43 (6): p. 440-443. ill; 1988 Nov.

Language: English

Descriptors: U.S.A.; Water policy; Water conservation; Legislation; Environmental protection; Agricultural policy; Farmers' attitudes; Consumer attitudes; Political attitudes; Pollution by agriculture; Trade policy

47

NAL Call. No.: HD1775.M8A34

The environmental crisis: causes and solutions.

Smith, T.

Columbia, Mo. : Cooperative Extension Service, University of Missouri; 1990 Feb.

Economic & policy information for Missouri agriculture - Department of Agricultural Economics, University of Missouri-Columbia v. 33 (2): p. 1-2; 1990 Feb.

Language: English

Descriptors: Environmental assessment; Crises; Environmental policy; Opinions

48

NAL Call. No.: 80 AM371

The environmental debate: an industry issue.

Urbano, C.C.

Chicago, Ill. : American Nurseryman Publishing Company; 1989 Apr15.

American nurseryman v. 169 (8): p. 69-73, 76-81, 83, 85; 1989 Apr15.

Language: English

Descriptors: U.S.A.; Nurseries; Non-food industries; Surveys; Environmental policy; Environmental protection; Environmental pollution; Opinions; Attitudes; Problem analysis; Government; Regulations; Goals

49

NAL Call. No.: 79.9 S08 (P)

Environmental issues, public perception and 21st Century herbicides.
Camp, H.B.

Raleigh, N.C. : The Society :.; 1991.

Proceedings - Southern Weed Science Society v. 44: p. 26-31; 1991. Paper presented at the meeting on "Perception: Fact or Fiction", held January 14-16, 1991, San Antonio, Texas.

Language: English

Descriptors: U.S.A.; Pesticides; Environmental policy; Public opinion; Perception

50

NAL Call. No.: GF80.E5

Environmental policy and environmental thought: Ruckelshaus and Commoner.
Rubin, C.T.

Athens, Ga. : Environmental Philosophy, Inc; 1989.

Environmental ethics v. 11 (1): p. 27-51; 1989. Literature review. Includes references.

Language: English

Descriptors: U.S.A.; Environmental policy; Risks; Environmental protection; Socialism; Political attitudes; Technology; Environmental degradation

51

NAL Call. No.: SB610.W39

Epidemiology and toxicology of 2,4-D.

Mullison, W.R.; Bond, G.G.

Champaign, Ill. : The Society; 1991 Oct.

Weed technology : a journal of the Weed Science Society of America v. 5 (4): p. 898-906; 1991 Oct. Literature review. Includes references.

Language: English

Descriptors: 2,4-d; Literature reviews; Herbicidal properties; Toxicology; Public health; Epidemiology; Opinions

52

NAL Call. No.: 282.8 J82

Erratum: conservation tillage: the role of farm and operator characteristics and the perception of soil erosion.

Gould, B.W.; Saupe, W.E.; Klemme, R.M.

Madison, Wis. : University of Wisconsin Press; 1990 May.

Land economics v. 66 (2): p. iii; 1990 May.

Language: English

Descriptors: Wisconsin; Erosion; Conservation; Tillage; Farmers' attitudes; Innovation adoption; Probability analysis; Econometric models; Probit analysis

53

NAL Call. No.: S561.6.I8I35

Evaluating the effectiveness of field demonstration programs.

Contant, C.K.; Young, C.L.

Ames, Iowa : The Extension; 1990 May.

IFM - Iowa State University Extension (6): 17 p.; 1990 May. Includes references.

Language: English

Descriptors: Iowa; Demonstration farms; Field tests; Information; Effects; Integrated pest management; Groundwater pollution; Water quality; Farmers' attitudes; Extension education

54

NAL Call. No.: 56.8 J822

Expert opinion and groundwater quality: the case of agricultural drainage wells.

Tobin, G.A.; Rajagopal, R.

Ankeny, Iowa : Soil and Water Conservation Society of America; 1990 Mar.

Journal of soil and water conservation v. 45 (2): p. 336-340; 1990 Mar. Includes references.

Language: English

Descriptors: Groundwater flow; Water quality; Experts; Drainage; Wells; Environmental policy; Agriculture; Contamination

55

NAL Call. No.: S530.J6

Extension activities needed to expand use of evapotranspiration data for irrigation.

Faber, B.A.; Snyder, R.L.

Madison, Wis. : American Society of Agronomy; 1990.

Journal of agronomic education v. 19 (1): p. 8-13; 1990. Includes references.

Language: English

Descriptors: California; Evapotranspiration; Irrigation scheduling; Water management; Educational programs; Extension; Irrigation; Computer techniques; Farmers' attitudes

56

NAL Call. No.: 56.8 J822

Factors affecting attitudes toward groundwater pollution among Ohio farmers.

Napier, T.L.; Brown, D.E.
Ankeny, Iowa : Soil Conservation Society of America, 1946-; 1993 Sep.
Journal of soil and water conservation v. 48 (5): p. 432-439; 1993 Sep.
Includes references.

Language: English

Descriptors: Ohio; Cabt; Groundwater pollution; Farmers' attitudes; Learning theory; Farm management; Innovation adoption; Agricultural policy; Farm structure; Models; Agricultural chemicals; Health hazards; Knowledge; Perception

57

NAL Call. No.: TS1300.C54

Farm families' attitudes and practices regarding pesticide application and protective clothing: a five state comparison. 1. Applicator data.
Rucker, M.; Branson, D.; Nelson, C.; Olson, W.; Slocum, A.; Stone, J.
Monument, Colo. : Association of College Professors of Textiles and Clothing, Inc; 1988.
Clothing and textiles research journal v. 6 (4): p. 37-46; 1988. Includes statistical data. Includes references.

Language: English

Descriptors: Protective clothing; Pesticide application; Farm families; Farmers' attitudes

Abstract: A survey of farm families in five states was conducted to determine attitudes and practices regarding pesticide application and protective clothing. Specific objectives included determining relationships among actual risk factors, perceived risk, and precautionary activities as well as identifying practices that needed modification in order to reduce risks associated with use of pesticides. Some analyses suggested a positive relationship between actual and perceived risk measures whereas others did not. For example, the two states reporting the highest use of more toxic chemicals and greatest incidence of health problems related to pesticide application also accounted for the highest average ratings on the overall perceived health risk scale. On the other hand, the majority of growers in each state assumed that common work clothing protected them from dermal exposure regardless of the formulation or application method they were using. Although most growers reported following recommended practices such as wearing gloves during pesticide application and storing pesticide soiled clothing separate from other laundry, enough deviation occurred to indicate the need for continuing education on pesticide hazards.

58

NAL Call. No.: TS1300.C54

Farm families' attitudes and practices regarding pesticide application and protective clothing: a five-state comparison. 2. Launderer data.
Nelson, C.; Rucker, M.; Olson, W.; Branson, D.; Slocum, A.; Stone, J.
Monument, Colo. : Association of College Professors of Textiles and Clothing, Inc; 1988.
Clothing and textiles research journal v. 7 (1): p. 36-45; 1988. Includes statistical data. Includes references.

Language: English

Descriptors: Protective clothing; Farm families; Attitudes; Pesticide application; Washing

Abstract: A survey of farm families in five states was conducted to determine current attitudes and practices regarding the removal of pesticides from contaminated clothing. There was little evidence that respondents to this survey have been obtaining available information regarding the care of pesticide contaminated clothing. Even when the launderers did receive such information, many did not adopt the recommended procedures with the exception of storing and washing pesticide contaminated clothing separately and using hot or warm water for washing. Families in which the launderer was under 30 in age were least likely to obtain and use recommended care procedures. The relatively low rate of information requisition and use, especially among younger respondents, suggests a need for better information delivery systems as well as more compelling appeals regarding the importance of using the information once it has been received.

59

NAL Call. No.: TD223.N36 1992

Farm operators' attitudes about water quality and the RCWP.
Hoban, T.J.; Wimberley, R.C.
Washington, DC : U.S. Environmental Protection Agency; 1992.
Proceedings: the National RCWP Symposium : 10 years of controlling agricultural nonpoint source pollution : the RCWP experience : Sept 13-17, 1992, Orlando, Florida. p. 247-253; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Water quality; Water management; Pollution control; Farmers' attitudes; Surveys

60

NAL Call. No.: S561.6.I8I35

Farm practices and attitudes toward groundwater policies: a statewide survey.
Padgitt, S.C.
Ames, Iowa : The Extension; 1989 Oct.
IFM - Iowa State University Extension (3): 30 p.; 1989 Oct.

Language: English

Descriptors: Iowa; Groundwater; Environmental policy; Surveys; Farmers' attitudes; Statistics; Conservation tillage; Crop production; Livestock farming; Demonstration farms; Extension education

61

NAL Call. No.: HT401.S68

Farm structure and use of the Conservation Reserve Program of the 1985 Farm Bill.
Kairumba, J.N.; Wheelock, G.C.
Belhaven, N.C. : The Association; 1990.
Southern rural sociology : journal of the Southern Rural Sociological

Association, Southern Association of Agricultural Scientists v. 7: p. 86-105; 1990. Includes references.

Language: English

Descriptors: Alabama; Farmland; Soil conservation; Erosion control; Federal programs; Participation; Acreage; Landowners; Farmers' attitudes; Farm surveys; Farm structure; Farm planning; Specialized farming; Legislation

62

NAL Call. No.: QD1.A45

The farmer's stake in food safety.

Adams, J.L.

Washington, D.C. : The Society; 1991.

ACS Symposium series - American Chemical Society (446): p. 47-49; 1991. In the series analytic: Pesticide residues and food safety: a harvest of viewpoints / edited by B.G. Tweedy, H.J. Dishburger, L.G. Ballantine, and J. McCarthy.

Language: English

Descriptors: Food safety; Farmers' attitudes

63

NAL Call. No.: 57.9 F41

Fertilisers and the European environment--the way ahead.

Williams, A.J.

London : The Society; 1992.

Proceedings - the Fertiliser Society (333): 26 p.; 1992. Includes references.

Language: English

Descriptors: Europe; Fertilizers; Use efficiency; Fertilizer industry; Public opinion; Environmental impact; Environmental legislation; Sustainability

64

NAL Call. No.: HD1751.C45

Fields of fear.

McKinney, L.

Ames, Iowa : American Agricultural Economic Association; 1990.

Choices : the magazine of food, farm and resource issues. p. 16-19. ill; 1990.

Language: English

Descriptors: U.S.A.; Consumer attitudes; Food safety; Environmental protection; Environmental policy; Food policy; Regulations; Pollution by agriculture

65

NAL Call. No.: 79.9 S08 (P)

Finding a common ground.

Oliver, L.R.

Raleigh, N.C. : The Society :.; 1990.

Proceedings - Southern Weed Science Society v. 43: p. 1-10; 1990. 43rd Annual Meeting on "Risk/Benefit: A Way of Life" held January 15-17, 1990, Atlanta, Georgia. Includes references.

Language: English

Descriptors: Pesticides; Risk; Assessment; Safety; Environmental protection; Opinions

66

NAL Call. No.: 79.9 S08 (P)

Finding a common ground -- a risk worth taking.

Richardson, L.J.

Raleigh, N.C. : The Society :.; 1989.

Proceedings - Southern Weed Science Society v. 42: p. 11-13; 1989. Meeting held January 16-18, 1989, Nashville, Tennessee.

Language: English

Descriptors: Pesticides; Risks; Opinions

67

NAL Call. No.: 6 F2212

The flap over carbofuran.

Taylor, M.Z.

Philadelphia, Pa. : The Journal; 1989 Sep.

Farm journal v. 113 (11): p. 16-17. ill; 1989 Sep.

Language: English

Descriptors: Birds; Wildlife; Carbofuran; Nematicides; Nematode control; Pollution by agriculture; Farmers' attitudes; Environmental protection

68

NAL Call. No.: S622.2.C66

Food and Agriculture Organization activities in soil conservation.

Sanders, D.W.

Ankeny, Iowa : Soil and Water Conservation Society; 1988.

Conservation farming on steep lands / W.C. Moldenhauer and N.W. Hudson, editors. p. 54-62; 1988. Material originally presented at a workshop held in San Juan, Puerto Rico, March 22-27, 1987, and organized by the World Association of Soil and Water Conservation and the Soil and Water Conservation Society. Includes references.

Language: English

Descriptors: Food and agriculture organization; Soil conservation; International cooperation; Development projects; Case studies; Appropriate technology; Farmers' attitudes

69

NAL Call. No.: SB610.W39

Future of weed science research.

Wyse, D.L.

Champaign, Ill. : The Society; 1992 Jan.

Weed technology : a journal of the Weed Science Society of America v. 6 (1): p. 162-165; 1992 Jan. Paper presented at the "Symposium on the Future of Weed Science," February 5, 1991, Louisville, Kentucky. Includes references.

Language: English

Descriptors: Weed control; Agricultural sciences; Trends; Agricultural chemicals; Food safety; Water quality; Environmental impact; Agricultural research; Opinions

70

NAL Call. No.: SB950.2.A1J58

The great big FMC Corporation and a schoolyard.

Hemingway, D.

Eugene, Or. : The Coalition; 1989.

Journal of pesticide reform : a publication of the Northwest Coalition for Alternatives to Pesticides v. 9 (1): p. 2-5. ill; 1989. Includes references.

Language: English

Descriptors: New York; Pesticides; Environmental pollution; Pesticide industry; Health hazards; Public opinion

71

NAL Call. No.: TD171.U5

Greening at the grassroots.

Allen, F.; Sekscienski, G.

Washington, D.C. : U.S. Environmental Protection Agency; 1992 Sep.

EPA journal v. 18 (4): p. 52-53; 1992 Sep.

Language: English

Descriptors: U.S.A.; Environmental protection; Environmental degradation; Pollution; Public opinion

72

NAL Call. No.: TD429.G76

Ground water and soil contamination remediation toward compatible science, policy, and public perception : report on a colloquium sponsored by the Water Science and Technology Board.

Conway, Richard A.

National Research Council (U.S.), Water Science and Technology Board

Washington, D.C. : National Academy Press; 1990.

x, 261 p. : ill. ; 23 cm. Steering committee chairman: Richard A. Conway.

"Colloquium 5 of a series."--T.p. Includes bibliographical references.

Language: English

Descriptors: Water, Underground; Soil pollution

73

NAL Call. No.: S605.5.A43

Ground water contamination from agricultural sources: implications for voluntary policy adherence from Iowa and Virginia farmers' attitudes. Halstead, J.M.; Padgitt, S.; Batie, S.S. Greenbelt, Md. : Institute for Alternative Agriculture; 1990. American journal of alternative agriculture v. 5 (3): p. 126-133; 1990. Includes references.

Language: English

Descriptors: Iowa; Virginia; Groundwater pollution; Contamination; Agricultural chemicals; Dairy wastes; Water quality; Farmers' attitudes; Questionnaires; Interviews; Farm management; Public opinion; Risk; Health hazards; Environmental impact; Economic impact; Crop production; Dairy farming; Agricultural policy; Programs; Incentives

Abstract: Contamination of ground water from agricultural sources has been documented in a majority of the contiguous United States. In this study, we examine the potential for voluntary adoption of management practices that reduce risk of ground water contamination and discuss how farm operators' attitudes regarding the environment might affect the success of voluntary programs. Farmers' behavior and attitudes in Rockingham County, Virginia, and Big Spring Basin, Iowa, reveal that both groups consider the ground water issue to be a serious problem to which they are contributing. This awareness is a significant first step in prompting consideration of management practices that reduce the threat to ground water quality. We also found that the worst offenders--that is, farmers applying nitrogen well above agronomic recommendations--were those with the least concern about the problem. If major shifts in farming practices are to occur voluntarily, major incentives or disincentives are needed. Even though the concern about ground water quality is high, the documented risks perceived by farmers are not strongly convincing. The economic incentives for change are questionable at best. Voluntary adoption of best management practices is only one of several policy options. Ultimately, policies designed to reduce ground water contamination may need a mix of strategies, including economic incentives and disincentives, zoning and land use restrictions, environmental regulations, and bans on agricultural chemicals.

74

NAL Call. No.: QH545.P4P4793 1993

Growing public concern over pesticides in food and water. Sachs, C.E. New York : Chapman & Hall; 1993. The Pesticide question : environment, economics, and ethics / David Pimentel, Hugh Lehman, editors. p. 380-389; 1993. Includes references.

Language: English

Descriptors: U.S.A.; Pesticide residues; Food safety; Water pollution; Public opinion; Attitudes

75

NAL Call. No.: SD143.S64

Healthy forests: the forest industry agenda.

Taylor, D.R.

Bethesda, Md. : The Society; 1989.

Proceedings of the ... Society of American Foresters National Convention. p. 49-51; 1989. Meeting held Oct 16-19, 1988, Rochester, New York.

Language: English

Descriptors: Forest damage; Air pollution; Acid rain; Public opinion

76

NAL Call. No.: 56.8 J822

Highly erodible land: farmer perceptions versus actual measurements.

Osterman, D.A.; Hicks, T.L.

Ankeny, Iowa : Soil Conservation Society of America; 1988 Mar.

Journal of soil and water conservation v. 43 (2): p. 177-182. ill., maps; 1988 Mar. Includes references.

Language: English

Descriptors: Missouri; Erosion; Agricultural land; Farmers' attitudes; Perception; Environmental impact reporting; Farm surveys; Usda; Rural sociology; Economic sociology

77

NAL Call. No.: 57.8 C734

Home composting programs reach out.

Emmaus, Pa. : J.G. Press; 1993 Jan.

BioCycle v. 34 (1): p. 34-36; 1993 Jan.

Language: English

Descriptors: U.S.A.; Canada; Composting; Grass clippings; Waste disposal; Municipal refuse disposal; Composts; Public opinion; Public services

78

NAL Call. No.: 56.8 J822

How goes conservation compliance planning?.

Ritterbusch, J.

Ankeny, Iowa : Soil Conservation Society of America; 1988 Sep.

Journal of soil and water conservation v. 43 (5): p. 376-378; 1988 Sep.

Language: English

Descriptors: U.S.A.; Illinois; Soil and water conservation; Law; Usda; Farmers' attitudes; Educational programs; Farm planning; Program evaluation

79

NAL Call. No.: SB950.2.A1J58

How to research that chemical company.

Collette, W.

Eugene, Or. : The Coalition; 1989.
Journal of pesticide reform : a publication of the Northwest Coalition for Alternatives to Pesticides v. 9 (1): p. 6-8. ill; 1989. Includes references.

Language: English

Descriptors: U.S.A.; Environmental pollution; Chemical industries; Law; Public opinion

80

NAL Call. No.: HC10.S63

The impact of knowledge and values on perceptions of environmental risk to the Great Lakes.

Steel, B.S.; Soden, D.L.; Warner, R.L.

New York : Taylor & Francis; 1990 Oct.

Society & natural resources v. 3 (4): p. 331-348; 1990 Oct. Includes references.

Language: English

Descriptors: U.S.A.; Canada; Lakes; Fresh water; Pollution; Perception; Risk; Knowledge; Values; Environmental assessment; Multivariate analysis; Public opinion

81

NAL Call. No.: 56.8 J822

Implementing conservation compliance: perspectives from Iowa farmers.

Padgitt, S.; Lasley, P.

Ankeny, Iowa : Soil Conservation Society of America, 1946-; 1993 Sep.

Journal of soil and water conservation v. 48 (5): p. 394-400; 1993 Sep. Includes references.

Language: English

Descriptors: Iowa; Cabt; Farmland; Soil conservation; Erosion control; Land policy; Federal programs; Farmers' attitudes; Comparisons; Regional surveys; Farm surveys

82

NAL Call. No.: 56.8 J822

Implementing CRP: a conservation organization view.

Grossi, R.

Ankeny, Iowa : Soil Conservation Society of America; 1988 Jan.

Journal of soil and water conservation v. 43 (1): p. 20-21. ill; 1988 Jan.

Language: English

Descriptors: U.S.A.; Soil and water conservation; Resource management; Program evaluation; Farmers' attitudes; Surveys; Economic impact; Projections; Agricultural policy

83

NAL Call. No.: QH545.P4P4793 1993

An increasing public concern.

Metcalf, R.L.

New York : Chapman & Hall; 1993.

The Pesticide question : environment, economics, and ethics / David Pimentel, Hugh Lehman, editors. p. 426-430; 1993.

Language: English

Descriptors: U.S.A.; Pesticides; Public opinion; Attitudes; Safety

84

NAL Call. No.: SD14.B7F7

Induction: issues and concerns relating to the use of herbicides.

Ackurst, P.

Victoria, B.C. : Canadian Forestry Service; 1989 Mar.

FRDA report (063): p. 7-9; 1989 Mar. Paper presented at the Carnation Creek Herbicide Workshop, Dec 7-10, 1987, Nanaimo, British Columbia.

Language: English

Descriptors: Herbicides; Forestry; Public opinion

85

NAL Call. No.: 449.9 AI7

Industrial response to a waste minimization survey in Tennessee.

Barkenbus, J.N.; Barkenbus, B.D.

Pittsburgh, Pa. : Air & Waste Management Association; 1989 Jul.

JAPCA v. 39 (7): p. 921-926; 1989 Jul. Includes references.

Language: English

Descriptors: Tennessee; Waste disposal; Industrial wastes; Surveys; Size; Methodology; Attitudes

86

NAL Call. No.: TD420.A1P7

Industrial wastewater management in developing countries.

Pareek, N.K.

Oxford : Pergamon Press; 1992.

Water science and technology : a journal of the International Association on Water Pollution Research and Control v. 25 (1): p. 69-74; 1992. Paper presented at the "International Specialized Conference," November 20-22, 1990, Nicosia, Cyprus.

Language: English

Descriptors: Developing countries; Food industry; Industrial wastes; Waste water; Water management; Waste water treatment; Effluents; Standards; Waste disposal; Environmental impact; Public opinion

87

NAL Call. No.: QH301.A76

Industry's perception of bioherbicides.

Wilson, S.

Wellesbourne, Warwick : The Association of Applied Biologists; 1990.

Aspects of applied biology (24): p. 219-229; 1990. In the series analytic: The exploitation of micro-organisms in applied biology. Includes references.

Language: English

Descriptors: Weeds; Biological control; Herbicide resistance; Host range; Mycoherbicides; Markets; Plant pathogenic fungi; Problem analysis; Weed control; Chemical industry; Innovations; Toxicology

88

NAL Call. No.: 56.8 J822

Informed opinion: filling the soil erosion data gap.

Dregne, H.E.

Ankeny, Iowa : Soil and Water Conservation Society of America; 1989 Jul.

Journal of soil and water conservation v. 44 (4): p. 303-305; 1989 Jul.

Includes references.

Language: English

Descriptors: Erosion; Erosion control

89

NAL Call. No.: QL461.I57

Integrated pest management: options for Uganda.

Tukahirwa, E.M.

Nairobi, Kenya : ICIPE Science Press; 1991.

Insect science and its application v. 12 (5/6): p. 535-539; 1991. Special issue: Aspects of pest management in relation to agricultural production and environmental conservation in Africa / edited by A.M. Alghali, N.K.

Maniania, Mbaye Ndoye, and Z.M. Nyiira. Includes references.

Language: English

Descriptors: Uganda; Integrated pest management; Pesticides; Quantitative analysis; Attitudes; Extension agents; Farmers' attitudes; Youth

Abstract: The paper acknowledges the need for pesticide usage to boost agricultural production and for disease control in Uganda and elsewhere in Africa. But drawing from some instances of pesticide pollution so far reported in Africa, the paper highlights the need for cautious use of the chemicals in order to avoid further pollution. The need for using pesticides within the framework of integrated pest management (IPM) is presented, but also presented are results of a survey which indicates that quantities of pesticides used continue to increase, and that the attitudes of farmers and extension workers are still heavily weighted in favour of pesticide application alone. A number of options that could be taken to inculcate IPM ideals and concepts among the people are presented, emphasizing education and training, not only for farmers and extension workers, but also for the youths most of whom are destined to become the future farmers.

Integrated use of natural resources and geoenvironment.

Vrba, J.; Moldan, B.

New York, N.Y. : Springer; 1989 Nov.

Environmental geology and water sciences v. 14 (3): p. 159-165; 1989 Nov.

Includes references.

Language: English

Descriptors: Soil resources; Water resources; Geology; Environment; Utilization; Environmental protection; Restoration; Political attitudes; Social policy; Economic policy

Integrating conservation into farming systems: the Malawi experience.

Douglas, M.G.

Ankeny, Iowa : Soil and Water Conservation Society; 1988.

Conservation farming on steep lands / W.C. Moldenhauer and N.W. Hudson, editors. p. 215-227. ill; 1988. Material originally presented at a workshop held in San Juan, Puerto Rico, March 22-27, 1987, and organized by the World Association of Soil and Water Conservation and the Soil and Water Conservation Society. Includes references.

Language: English

Descriptors: Malawi; Soil and water conservation; Farming systems; Small farms; Integrated systems; Land use; Contour ridging; Animal feeding; Crop residues; Private forestry; Agroforestry; Extension; Farmers' attitudes

Interruptible water markets in the Pacific Northwest.

Hamilton, J.R.; Whittlesey, N.K.; Halverson, P.

Ames, Iowa : American Agricultural Economics Association; 1989 Feb.

American journal of agricultural economics v. 71 (1): p. 63-75; 1989 Feb.

Includes references.

Language: English

Descriptors: Idaho; Water supplies; Irrigation water; Markets; River basins; River water; Water use; Farmers' attitudes; Farm income; Hydraulic power; Hydroelectric schemes; Water availability; Profit and loss analysis; Mathematical models

Abstract: This paper analyzes the potential for using a market to shift water from irrigation to hydropower use in periods of low river flow in the Snake River basin of Idaho. The water could be used for irrigation in most years but in dry years would be very valuable for firming up electric power supplies. A model of crop growth and water use was utilized to estimate farmer responses and resulting farm income losses due to market-restricted irrigation water supplies. Results indicate that estimated hydropower benefits are ten times greater than estimated lost farm income, so the proposed water market should be economically feasible.

93

NAL Call. No.: HD2072.A37 1988

Irrigation and water management in India: perception of problems and their resolution., 1st ed.

Dhawan, B.D.

Bombay : Himalaya Pub. House, 1988; 1988.

Agricultural development in India, the next stage / Indian Society of Agricultural Economics, Bombay. p. 69-79; 1988. Includes references.

Language: English

Descriptors: India; Irrigation; Water management; Infrastructure; Development policy

94

NAL Call. No.: 56.8 J822

Landowner perceptions of sinkholes and groundwater contamination.

Huber, G.

Ankeny, Iowa : Soil and Water Conservation Society of America; 1990 Mar.

Journal of soil and water conservation v. 45 (2): p. 323-327. ill; 1990 Mar.

Includes references.

Language: English

Descriptors: Land ownership; Groundwater flow; Contamination

95

NAL Call. No.: SB950.3.A8P535

The last barrier.

Hallam, N.D.

Victoria : R.G. Richardson; 1992.

Plant protection quarterly v. 7 (2): p. 42; 1992. Editorial.

Language: English

Descriptors: Leaves; Herbicides; Mode of action; Opinions

96

NAL Call. No.: SB950.2.A1J58

The legitimacy of public perceptions or risk.

Slovic, P.

Eugene, Or. : The Coalition; 1990.

Journal of pesticide reform : a publication of the Northwest Coalition for Alternatives to Pesticides v. 10 (1): p. 13-15; 1990.

Language: English

Descriptors: Toxic substances; Risk; Assessment; Public opinion; Attitudes

97

NAL Call. No.: 275.29 IO9PA

Lessons from monitoring surveys.

Padgitt, S.C.

Ames, Iowa : The Service; 1992 Jan.

PM - Iowa State University, Cooperative Extension Service (1467): p. 68-72;
1992 Jan.

Language: English

Descriptors: Iowa; Demonstration farms; Farm surveys; Farmers' attitudes;
Nitrogen; Fertilizers; Weed control; Groundwater pollution

98

NAL Call. No.: BJ52.5.J68

Locus of control and farmer orientation: effects on conservation adoption.

McNairn, H.E.; Mitchell, B.

Guelph, Ontario, Canada : University of Guelph; 1992.

Journal of agricultural & environmental ethics v. 5 (1): p. 87-101; 1992.

Includes references.

Language: English

Descriptors: Ontario; Soil conservation; Watersheds; Farmers; Attitudes;
Surveys; Environmental protection; Rotations; Conservation tillage; Ethics;
Erosion control

99

NAL Call. No.: HM208.A1E5

Managing municipal waste: Attitudes and opinions of administrators and
environmentalists.

West, J.P.; Lee, S.J.; Feiock, R.C.

Newbury Park, Calif. : Sage Publications; 1992 Jan.

Environment and behavior v. 24 (1): p. 111-133; 1992 Jan. Includes
references.

Language: English

Descriptors: Municipal refuse disposal; Solid wastes; Managers; Attitudes;
Opinions; Environmental protection

100

NAL Call. No.: 56.8 J822

Midwestern farmers' perceptions for monitoring for conservation compliance.

Esseks, J.D.; Kraft, S.E.

Ankeny, Iowa : Soil Conservation Society of America, 1946-; 1993 Sep.

Journal of soil and water conservation v. 48 (5): p. 458-465; 1993 Sep.

Includes references.

Language: English

Descriptors: North central states of U.S.A.; Cabt; Erosion control; Soil
conservation; Farmers' attitudes; Federal programs; Monitoring; Detection;
Probability; Program participants; Usda; Aerial photography; Regional
surveys; Farmland

101

NAL Call. No.: S561.6.I8I35

Monitoring audience response to demonstration projects: baseline report:
Clay County.
Padgitt, S.C.
Ames, Iowa : The Extension; 1990 Oct.
IFM - Iowa State University Extension (12): 24 p.; 1990 Oct. Includes
references.

Language: English

Descriptors: Iowa; Farm management; Farm surveys; Soil conservation; Water
quality; Extension; Farmers' attitudes

102

NAL Call. No.: S561.6.I8I35

Monitoring audience response to demonstration projects--baseline reports:
Des Moines County.
Padgitt, S.C.
Ames, Iowa : The Extension; 1990 Jun.
IFM - Iowa State University Extension (8): 29 p.; 1990 Jun. Includes
references.

Language: English

Descriptors: Iowa; Demonstration farms; Field tests; Information; Effects;
Conservation tillage; Farmers' attitudes; Groundwater pollution; Water
quality; Extension education; Surveys

103

NAL Call. No.: 282.8 J82

A note on price perception in water demand models.
Nieswiadomy, M.L.; Molina, D.J.
Madison, Wis. : University of Wisconsin Press; 1991 Aug.
Land economics v. 67 (3): p. 352-359; 1991 Aug. Includes references.

Language: English

Descriptors: Texas; Water use; Consumer behavior; Demand functions; Average
prices; Microeconomic analysis; Mathematical models

104

NAL Call. No.: QR1.L47

Opinion: Cryptosporidium--a water-borne hazard.
Oxford : Blackwell Scientific Publications; 1990 Dec.
Letters in applied microbiology v. 11 (6): p. 269-270; 1990 Dec. Includes
references.

Language: English

Descriptors: Cryptosporidium; Water pollution; Waterborne diseases;
Protozoal infections; Diarrhea; Man; Epidemiology; Microbial contamination;
Water supply; Animal wastes; Sewage effluent

105

NAL Call. No.: S622.2.C66

Options for conservation of steep lands in subsistence agricultural systems.
Hurni, H.

Ankeny, Iowa : Soil and Water Conservation Society; 1988.

Conservation farming on steep lands / W.C. Moldenhauer and N.W. Hudson,
editors. p. 33-34. ill; 1988. Material originally presented at a workshop
held in San Juan, Puerto Rico, March 22-27, 1987, and organized by the World
Association of Soil and Water Conservation and the Soil and Water
Conservation Society. Includes references.

Language: English

Descriptors: Ethiopia; Developing countries; Soil conservation; Subsistence
farming; Upland areas; Sloping sites; Case studies; Terracing; Agroclimatic
regions; Farmers' attitudes

106

NAL Call. No.: S605.5.I45 1986

Organic foods: an analysis of consumer attitudes in West Germany.

Vogtmann, H.

Santa Cruz, CA : Agroecology Program, University of California; 1988.

Global perspectives on agroecology and sustainable agricultural systems :
proceedings of the sixth international scientific conference of the
International Federation of Organic Agriculture Movements. p. 205-219e;
1988.

Includes references.

Language: English

Descriptors: German federal republic; Farming systems; Organic foods;
Consumer attitudes; Consumer surveys; Food quality; Ecology; Environmental
protection; Food production; Food processing; Food packaging; Food prices;
Pesticide residues; Health hazards; Food safety; Nitrites; Nutrition;
Environmental impact; Social costs

107

NAL Call. No.: 79.9 S08 (P)

Our greatest risk: the danger that we may quit risking.

Butz, E.L.

Raleigh, N.C. : The Society :.; 1989.

Proceedings - Southern Weed Science Society v. 42: p. 1-4; 1989. Meeting
held January 16-18, 1989, Nashville, Tennessee. AGL.

Language: English

Descriptors: Pesticides; Risks; Opinions

108

NAL Call. No.: 56.8 J822

Perceptions of conservation compliance among farmers in a highly erodible
area of Ohio.

Napier, T.L.; Napier, A.S.
Ankeny, Iowa : Soil and Water Conservation Society of America; 1991 May.
Journal of soil and water conservation v. 46 (3): p. 220-224; 1991 May.
Includes references.

Language: English

Descriptors: Ohio; Soil conservation; Erosion control; Agricultural policy;
Mathematical models

109

NAL Call. No.: SD14.B7F7

Perspective: risk management and the public.

Henigman, J.

Victoria, B.C. : Canadian Forestry Service; 1989 Mar.

FRDA report (063): p. 286-287; 1989 Mar. Paper presented at the Carnation
Creek Herbicide Workshop, Dec 7-10, 1987, Nanaimo, British Columbia.

Language: English

Descriptors: Herbicides; Forestry; Public opinion; Risks

110

NAL Call. No.: SB950.A1V4

The pest control industry and the challenges ahead.

Truman, L.C.

Davis, Calif. : University of California; 1988.

Proceedings ... Vertebrate Pest Conference (13th): p. 2-4; 1988.

Language: English

Descriptors: Plant pests; Vertebrates; Pest control; Pesticides;
Environmental pollution; Environmental protection; Legislation; Public
opinion

111

NAL Call. No.: QK71.P83

Pesticide liability risks: taking the bloom off the garden?.

Cagann, S.

Wayne, Pa. : The Association; 1990 Jul.

The Public garden : journal of the American Association of Botanical Gardens
and Arboreta v. 5 (3): p. 22-24. ill; 1990 Jul.

Language: English

Descriptors: Pesticide residues; Herbicide residues; Public opinion; Legal
liability; Risks; Environmental legislation

112

NAL Call. No.: 79.9 S08 (P)

Pesticide regulations -- finding a common ground.

Spurrier, E.C.

Raleigh, N.C. : The Society .: 1989.

Proceedings - Southern Weed Science Society v. 42: p. 5-10; 1989. Meeting held January 16-18, 1989, Nashville, Tennessee.

Language: English

Descriptors: Pesticides; Regulations; Risks; Opinions

113

NAL Call. No.: 81 M384

Pesticides and societal perceptions: advances in application and information technologies.

Hall, F.R.

North Amherst, Mass. : The Association; 1991.

New England fruit meetings ... Proceedings of the ... annual meeting - Massachusetts Fruit Growers' Association (97th): p. 78-90; 1991. Meeting held at the Sheraton Sturbridge Resort and Conference Center on January 30 and 31, 1991.

Language: English

Descriptors: Pesticides; Application; Regulation; Techniques; Sprays; Distribution; Deposition; Droplet size; Decision making; Models

114

NAL Call. No.: QH545.P4P4793 1993

Pesticides: historical changes demand ethical choices.

Perkins, J.H.; Holochuck, N.C.

New York : Chapman & Hall; 1993.

The Pesticide question : environment, economics, and ethics / David Pimentel, Hugh Lehman, editors. p. 390-417; 1993. Includes references.

Language: English

Descriptors: U.S.A.; Pesticides; Public opinion; Attitudes; Ethics

115

NAL Call. No.: SB435.5.A645

Pesticides issues: public ignorance is not bliss.

Witt, T.L.

Van Nuys, Calif. : Gold Trade Publications; 1989 Jun.

Arbor age v. 9 (6): p. 16-18; 1989 Jun.

Language: English

Descriptors: Pesticides; Arboriculture; Public opinion; Environmental pollution; Environmental protection

116

NAL Call. No.: SB436.J6

Pesticides issues: public ignorance is not bliss.

Witt, T.L.

Urbana, Ill. : International Society of Arboriculture; 1988 Mar.

Journal of arboriculture v. 14 (3): p. 57-60; 1988 Mar.

Language: English

Descriptors: Pesticides; Arboriculture; Public opinion

117

NAL Call. No.: SB950.A1V4

Pesticides, scientists, farmers, and the public: no "white knight" rescue in sight.

Jones, P.

Davis, Calif. : University of California; 1988.

Proceedings ... Vertebrate Pest Conference (13th): p. 5-8; 1988.

Language: English

Descriptors: U.S.A.; Pesticides; Public opinion; Scientists; Farmers; Population education; Environmental pollution; Environmental protection

118

NAL Call. No.: BJ52.5.J68

Pesticides, valuations and politics.

Pettersson, O.

Guelph, Ontario, Canada : University of Guelph; 1992.

Journal of agricultural & environmental ethics v. 5 (1): p. 103-106; 1992.

Language: English

Descriptors: Sweden; Pesticides; Application; Reduction; Environmental protection; Nature conservation; Attitudes; Ethics

119

NAL Call. No.: TD420.A1P7

Policy, law and implementation of industrial wastewater pollution control.

Tyagi, P.C.

Oxford : Pergamon Press; 1991.

Water science and technology : a journal of the International Association on Water Pollution Research and Control v. 24 (1): p. 5-13; 1991. Paper presented at the "First IAWPRC East African Regional Conference on Industrial Wastewaters," October 25-28, 1989, Nairobi, Kenya.

Language: English

Descriptors: India; Industrial wastes; Waste water; Pollution; Control methods; Environmental policy; Environmental protection; Central government; Public opinion; Legislation

120

NAL Call. No.: 10 OU8

The political and strategic significance of water.

Anderson, E.W.

Oxon : C.A.B. International; 1992 Dec.

Outlook on agriculture v. 21 (4): p. 247-253. maps; 1992 Dec. Special issue: Focus on water. Includes references.

Language: English

Descriptors: Water resources; Water supply; Law; Political attitudes;
Problem analysis

121

NAL Call. No.: 100 OK4M

Political, economic and environmental attitudes affecting groundwater quality management.

Moore, K.M.; Nelson, J.R.

Stillwater, Okla. : The Station; 1989 Jan.

Research report P - Oklahoma Agricultural Experiment Station (907): 23 p.; 1989 Jan. Includes references.

Language: English

Descriptors: Oklahoma; Groundwater; Water management; Political attitudes; Economic factors; Environmental education; Farm surveys; Sociological method; Questionnaires

122

NAL Call. No.: S624.A1P76 1993

Producers' opinions about conservation compliance analysis of a national survey.

American Farmland Trust, Center for Agriculture in the Environment (U.S.) Washington, D.C. : American Farmland Trust ; DeKalb, Ill. : Center for Agriculture in the Environment,; 1993.

63 p. : map ; 28 cm. Includes bibliographical references (p. 62-63).

Language: English; English

Descriptors: Soil conservation

123

NAL Call. No.: QD1.A45

Professional pest control industry perspective on public concerns and regulatory issues.

Delaney, T.J.

Washington, D.C. : The Society; 1993.

ACS Symposium series - American Chemical Society (522): p. 41-43; 1993. In the series analytic: Pesticides in urban environments: Fate and significance / edited by K.D. Racke and A.R. Leslie. Paper presented at the 203rd National Meeting of the American Chemical Society, April 5-10, 1992, San Francisco, California.

Language: English

Descriptors: U.S.A.; Pesticides; Pest control; Chemical control; Industry; Public opinion; Public relations; Urban environment

Abstract: The professional pest control industry feels that the public's concerns about urban/suburban pesticide use must be taken seriously. The industry is addressing these concerns by using the well-established concept

of risk communication--an approach that consists of giving the public open and complete information about pesticide applications. As part of the industry's risk communication program, it is promoting its support of reasonable and responsible legislation, including a requirement for notifying the public when pesticides are applied. It is also pursuing regulations requiring additional education for all pesticide applicators. The industry believes this approach will lessen the public's fear of pesticides, and make them feel more comfortable about urban/suburban pesticide use.

124

NAL Call. No.: 428 C763

Public attitudes and pesticide usage in California.

Grieshop, J.I.

Sacramento, Calif. : The Association; 1991.

Proceedings and papers of the annual conference of the California Mosquito and Vector Control Association v. 59: p. 46-51; 1991. Includes references.

Language: English

Descriptors: California; Culicidae; Insect control; Insecticide residues; Pollution; Public opinion; Risk

125

NAL Call. No.: HT401.S72

Public choice in residential water demand.

Broder, J.M.; Langston, J.K.; Ha, Y.H.

Mississippi State, Miss. : The Center; 1990 Nov.

SRDC series - Southern Rural Development Center (137): p. 79-101; 1990 Nov. In the series analytic: Perspectives on renewable natural resource issues / edited by J.R. Stoll. Proceedings of a Regional Workshop, May 15-16, 1986, New Orleans, Louisiana. Also numbered as SNREC Publication No. 28. Comment by T.H. Klindt, p. 103-109. Includes references.

Language: English

Descriptors: Georgia; Water resources; Water allocation; Residential institutions; Demand; Water costs; Public opinion; Decision making; Local authority areas; Public utilities; Legislation; Rural urban relations; Price discrimination

126

NAL Call. No.: TD177.S44 1989

Public choices and private risks the role of economic analysis.

Smith, V. Kerry

Madison, WI : Dept. of Agricultural Economic, University of Wisconsin,;

1989. 45 p. : portrait ; 28 cm. (Benjamin H. Hibbard Memorial Lecture series). Cover title. "March 1989."--Colophon. Includes bibliographical references (p. 41-45).

Language: English

Descriptors: Pollution; Environmental health; Risk perception

127

NAL Call. No.: 151.65 P96

Public concern about chemicals in the environment: regional differences based on threat potential.

Howe, H.L.

Washington, D.C. : Public Health Service; 1990 Mar.

Public health reports v. 105 (2): p. 186-195; 1990 Mar. Includes statistical data. Includes references.

Language: English

Descriptors: New York; Environmental pollution; Risks; Public opinion; Contamination; Health hazards

Abstract: While the hazards of chronic environmental pollution remain unclear, people are making decisions about their exposure to pollution and its possible effects on their health. To compare people's concerns about environmental problems, a systematic, stratified sample was surveyed. The sample was made up of residents, ages 25 through 74 years, of three areas of New York State. The three areas were western New York, with a high density of toxic dump sites; Long island, with a major shallow ground water aquifer; and the remainder of the State, excluding New York City, as a comparison area. The sampling list was obtained from records of licensed drivers of the New York State Department of Motor Vehicles. A 66 percent response rate was obtained to the mailed survey. As expected, most concerns were greater for western New York and Long Island, the two areas with highest threat potential for exposure or contamination, than for the comparison area. The single exception was that no regional differences were noted for concerns about environmental pollution and contamination. All concerns were associated with perceived distance between one's residence and a source of potential exposure. Regardless of region, women were more concerned than men about exposures, pollution, and related health effects. No sex differences, however, were noted for economic concerns.

128

NAL Call. No.: S605.5.I45 1986

Public concerns about pesticides and the safety of the food supply.

Blair, D.; Sachs, C.

Santa Cruz, CA : Agroecology Program, University of California; 1988.

Global perspectives on agroecology and sustainable agricultural systems : proceedings of the sixth international scientific conference of the International Federation of Organic Agriculture Movements. p. 187-198; 1988. Includes references.

Language: English

Descriptors: Pennsylvania; Food safety; Food supply; Health; Environmental impact; Pesticides; Public opinion; Consumer surveys; Data collection; Comparisons; Temporal variation

129

NAL Call. No.: HN51.C3

Public perception and communication of risk.

Hoban, T.J.

Raleigh, N.C. : The Service; 1991 Sep.
CD - North Carolina Agricultural Extension Service (40): 11 p.; 1991 Sep.
Includes references.

Language: English

Descriptors: Communication; Risk; Public relations; Consumer information;
Consumer protection; Food safety; Pollution

130

NAL Call. No.: 56.8 J822

Public perceptions of how farmers treat the soil.
Molnar, J.J.; Duffy, P.A.
Ankeny, Iowa : Soil Conservation Society of America; 1988 Mar.
Journal of soil and water conservation v. 43 (2): p. 182-185; 1988 Mar.
Includes references.

Language: English

Descriptors: Soil conservation; Farmers; Public opinion; Perception;
National surveys; Erosion; Agricultural policy

131

NAL Call. No.: 79.9 S08 (P)

Public perceptions of weed science technology and the potential effect on
our future.
Rogers, R.L.
Raleigh, N.C. : The Society :.; 1988.
Proceedings - Southern Weed Science Society v. 41: p. 1-7; 1988. Paper
presented at the "Meeting on Environmental Legislation and its Effects on
Weed Science," Jan 18/20, 1988, Tulsa, Oklahoma. Includes references.

Language: English

Descriptors: Weed biology; Herbicide application; Environmental pollution;
Health hazards; Risks; Nature conservation

132

NAL Call. No.: 99.8 F7623

Pulpmill pollution and public perception.
Owusu-Gyima, P.K.; Roy, D.N.
Ottawa : Canadian Institute of Forestry; 1992 Aug.
The Forestry chronicle v. 68 (4): p. 492-495; 1992 Aug. Includes
references.

Language: English

Descriptors: Pulp mill effluent; Pollution; Health hazards; Furans;
Polychlorinated dibenzofurans; Chemical oxygen demand; Biochemical oxygen
demand

Abstract: This paper reviews the risk potential of pulp mill pollutants to
humans, risk abatement strategies adopted by the pulp and paper industry and
their socio-enviro-economic implications. The deleterious impact of

dioxin-exposure on experimental animals is well documented worldwide. Though their impact on humans is yet to be assessed. It is part of today's conventional wisdom that the reduction and possible elimination of the major sources of dioxin would be, pragmatically and economically, more environmentally acceptable.

133

NAL Call. No.: S494.5.A3W3

Putting pesticides in proper perspective.

Grodner, M.L.

Washington, D.C. : National Agricultural Aviation Association; 1989 Aug. Agricultural aviation v. 16 (8): p. 12-13; 1989 Aug.

Language: English

Descriptors: Pesticides; Toxicity; Public opinion

134

NAL Call. No.: 79.9 SO8 (P)

Real or perceived and the impact on technologies.

Kern, A.D.

Raleigh, N.C. : The Society :.; 1990.

Proceedings - Southern Weed Science Society v. 43: p. 14-17; 1990. 43rd Annual Meeting on "Risk/Benefit: A Way of Life" held January 15-17, 1990, Atlanta, Georgia.

Language: English

Descriptors: Agricultural chemicals; Risk; Public opinion

135

NAL Call. No.: HD1773.A2N6

Reducing nutrient application rates for water quality protection in intensive livestock areas: policy implications of alternative producer behavior.

McSweeney, W.T.; Shortle, J.S.

Morgantown, W.Va. : The Northeastern Agricultural and Resource Economics Association; 1989 Apr.

Northeastern journal of agricultural and resource economics v. 18 (1): p. 1-11; 1989 Apr. Includes references.

Language: English

Descriptors: Fertilizer application; Decision making; Intensive livestock farming; Farmers' attitudes; Nutrient solutions; Groundwater pollution; Water composition and quality; Uncertainties

136

NAL Call. No.: 56.8 J822

Regulating water quality: a farmer's perspective.

Erwin, W.

Ankeny, Iowa : Soil Conservation Society of America; 1988 Jan.

Journal of soil and water conservation v. 43 (1): p. 65-66; 1988 Jan.

Language: English

Descriptors: U.S.A.; Water composition and quality; Soil and water conservation; Farmers' attitudes; Regulations; Groundwater pollution; Pesticides

137

NAL Call. No.: TD172.J62

Regulation of environmental chemicals.

Condray, J.R.; Fuller, G.B.

New York, N.Y. : Marcel Dekker; 1990-1991.

Environmental carcinogenesis review : Part C of the journal of environmental science and health v. 8 (2): p. 215-228; 1990-1991. Includes references.

Language: English

Descriptors: U.S.A.; Agricultural chemicals; Pesticides; Pollution; Environmental protection; Regulations; Environmental policy; Public opinion; Food safety; Water pollution; Health hazards; International cooperation; International organizations

138

NAL Call. No.: HC79.P55J6

The regulation of non-point source pollution under imperfect and asymmetric information.

Cabe, R.; Herriges, J.A.

Orlando, Fla. : Academic Press; 1992 Mar.

Journal of environmental economics and management v. 22 (2): p. 134-146; 1992 Mar. Includes references.

Language: English

Descriptors: Pollution; Control methods; Agricultural chemicals; Information; Costs; Reliability; Bayesian theory; Regulations; Taxes; Farmers' attitudes; Beliefs; Mathematical models

Abstract: This paper develops a Bayesian framework for discussing the role of information in the design of non-point-source pollution control mechanisms. An ambient concentration tax is examined, allowing for spatial transport among multiple zones. Imposition of the tax requires costly measurement of concentrations in selected zones, and the selection of zones for measurement must be undertaken without perfect information regarding several parameters of the problem. Potentially crucial information issues discussed include: (a) the impact of asymmetric priors regarding fate and transport. (b) the cost of measuring ambient concentration, and (c) the optimal acquisition of information regarding fate and transport.

139

NAL Call. No.: 79.9 C122

Regulatory changes as shaped by public perceptions.

Gilman, R.M.

Fremont, Calif. : California Weed Conference; 1991.

Proceedings - California Weed Conference (43rd): p. 29-31; 1991. Meeting

held January 21-23, 1991, Santa Barbara, California.

Language: English

Descriptors: California; Pesticides; Regulations; Public opinion;
Environmental legislation

140

NAL Call. No.: HC10.S63

Relationships between information sources and farmers' conservation perceptions and behavior.

Korsching, P.F.; Hoban, T.J.

New York : Taylor & Francis; 1990.

Society & natural resources v. 3 (1): p. 1-10; 1990. Includes references.

Language: English

Descriptors: Iowa; Erosion; Soil conservation; Information services; Farm management; Innovation adoption; Decision making; Farm surveys; Perception

141

NAL Call. No.: HT401.J68

Reliance on sources of information for water-saving practices by irrigators in the High Plains of the U.S.A.

Kromm, D.E.; White, S.E.

Elmsford, N.Y. : Pergamon Press; 1991.

Journal of rural studies v. 7 (4): p. 411-421; 1991. Includes references.

Language: English

Descriptors: Southern plains states of U.S.A.; Nebraska; Colorado; Kansas; New Mexico; Groundwater; Irrigation; Information services; Usage; Beliefs; Farmers' attitudes; Water conservation; Innovation adoption; Water management; Regional surveys; Farmers; Geographical distribution; Plains; Consultants; Universities; Experimental stations; Trade publications

Abstract: Who do farmers trust? Irrigators in the High Plains are confronted with a wide range of information source's with respect to water-saving practices. From a survey of 709 irrigators in 10 countries the most widely accepted sources are identified, regional variability or information is examined, the role of irrigator characteristics on source selection is determined, and the level of association between adoption and source preference is analyzed. Differences in irrigators' reliance on specific sources are more associated with location than irrigator characteristics. Information sources viewed as important by many irrigators frequently influence adoption decisions less than sources having a wide range of preference among irrigators. Mass media and advisor-oriented sources are much more significantly linked to adoption than inter-personal sources such as friends and neighbors. The three sources that best discriminate adoption behavior are private agricultural consulting firms, university research stations, and trade magazines.

142

NAL Call. No.: 449.9 AI7

Report on the Fifth Canadian Environmental Government Affairs Seminar: a strategy for sustainable development.

Bradley, P.A.

Pittsburgh, Pa. : Air & Waste Management Association; 1989 Feb.

JAPCA v. 39 (2): p. 139-148. ill; 1989 Feb. Includes references.

Language: English

Descriptors: Developing countries; Canada; Africa; Malta; Environmental protection; Development plans; Waste disposal; Conservation; Heritage; Political attitudes; Resource development; Technical progress; Industry; Environmental degradation; Resource exploitation; Energy policy

143

NAL Call. No.: TX1.J68

Resident participation in a community-based garden/yard waste reclamation programme.

Leonas, K.K.; Cude, B.J.

Oxford : Blackwell Scientific Publications; 1991 Dec.

Journal of consumer studies and home economics v. 15 (4): p. 347-356; 1991 Dec. Includes references.

Language: English

Descriptors: Solid wastes; Waste disposal; Recycling; Community programs; Community involvement; Social participation; Age differences; Academic achievement; Income; Attitudes

144

NAL Call. No.: Q1.A3M5

Responses to a water shortage by small-holder farmers of Israel.

Lees, S.H.

Ann Arbor, Mich. : The Michigan Academy of Science, Arts, and Letters; 1988.

Michigan academician v. 20 (4): p. 439-446; 1988. Includes references.

Language: English

Descriptors: Israel; Small farms; Water supplies; Drought; Irrigation; Water allocation; Water use; Farmers' attitudes

145

NAL Call. No.: SF85.A1R32

A right to know.

Smith, M.

Denver, Colo. : Society for Range Management; 1992 Dec.

Rangelands v. 14 (6): p. 321-322; 1992 Dec. Includes references.

Language: English

Descriptors: Utah; Toxic substances; Military areas; Rural welfare; Legal rights; Federal government; Public relations; Public opinion; Safety; Health hazards; Ranching; Pollution

146

NAL Call. No.: HM208.A1E5

Risk and home-pesticide users.

Grieshop, J.I.; Stiles, M.C.

Newbury Park, Calif. : Sage Publications; 1989 Nov.

Environment and behavior v. 21 (6): p. 699-716; 1989 Nov. Includes references.

Language: English

Descriptors: California; Pesticides; Risks; Home safety; Health hazards; Information sources; Attitudes; Behavior

147

NAL Call. No.: QH545.P4P4844

Risk and public perception: grappling with the octopus.

Amsden, T.L.

Blacksburg : Virginia Water Resources Research Center, VPI and State University; 1989.

Pesticides in terrestrial and aquatic environments : proceedings of a national research conference, May 11-12, 1989 / edited by Diana L. Weigmann. p. 549-551; 1989.

Language: English

Descriptors: U.S.A.; Pesticides; Pollution; Prevention; Public opinion; Risk

148

NAL Call. No.: HC79.P55J6

Risk, risk aversion, and on-farm soil depletion.

Ardila, S.; Innes, R.

Orlando, Fla. : Academic Press; 1993 Jul.

Journal of environmental economics and management v. 25 (1, pt. 2): p. S/27-S/45; 1993 Jul. Includes references.

Language: English

Descriptors: Soil conservation; Uncertainty; Risk; Depletion; Farm management; Farmers' attitudes; Mathematical models; Farmland

Abstract: This paper studies the production and attendant soil depletion choices of a risk-aversion farmer in two related models. The first is a two-date model with uncertainty in both production and end-of-period land price. The second is three-date model in which production and consumption choices are made in both periods, but there is uncertainty only in the second period. In both models, the paper identifies plausible conditions under which a higher level of initial farmer wealth and/or a lower level of production and land risk lead to a lower level of output and, as a result, a lower level of output-induced soil depletion.

149

NAL Call. No.: 79.9 S08 (P)

Risks and benefits in the context of a comprehensive agricultural ethic.

Ferre, F.

Raleigh, N.C. : The Society :.; 1990.
Proceedings - Southern Weed Science Society v. 43: p. 18-22; 1990. 43rd
Annual Meeting on "Risk/Benefit: A Way of Life" held January 15-17, 1990,
Atlanta, Georgia.

Language: English

Descriptors: Agricultural chemicals; Risk; Ethics; Opinions

150

NAL Call. No.: HC79.E5N3

The role of science in valuing natural resources after state of Ohio v.
Department of Interior, 880 f.2d 432 (D.C. Cir. 1989).

Louderbough, E.

Albuquerque, N.M. : University of New Mexico School of Law; 1992.

Natural resources journal v. 32 (1): p. 137-148; 1992. In the series
analytic: Historical Analysis and Water Resources Development. Includes
references.

Language: English

Descriptors: U.S.A.; Natural resources; Damage; Environmental assessment;
Environmental legislation; Federal government; Government organizations;
Courts; Decision making; Environmental protection; Role perception; Legal
liability

151

NAL Call. No.: 56.8 J822

Rural clean water the Okeechobee story.

Little, C.E.

Ankeny, Iowa : Soil Conservation Society of America; 1988 Sep.

Journal of soil and water conservation v. 43 (5): p. 386-390. ill; 1988 Sep.

Language: English

Descriptors: Florida; Water composition and quality; Rural areas; Usda;
Water policy; Program evaluation; Water conservation; Water pollution;
Pollution by agriculture; Phosphorus; Dairies; Farmers' attitudes

152

NAL Call. No.: 275.29 F22

Safe food and water: producers look at risk.

Sorensen, A.A.

Oak Brook, Ill. : Farm Foundation; 1990.

Increasing understanding of public problems and policies. p. 74-83; 1990.
Paper presented at the 40th National Public Policy Education Conference,
September 17-20, 1990, Park City, Utah. Includes references.

Language: English

Descriptors: Food supply; Water supply; Food safety; Consumer attitudes;
Public opinion; Farmers; Risk; Educational programs; Environmental
protection; Water quality

153

NAL Call. No.: 381 J825N

Sandoz crop protection prepares for changing agrochemicals industry.

Thayer, A.M.

Washington, D.C. : American Chemical Society; 1990 Aug06.

Chemical and engineering news v. 68 (32): p. 15-17; 1990 Aug06.

Language: English

Descriptors: Biocides; Public opinion; Agricultural chemicals; Public health; Research support; Genetic engineering; Legislation

154

NAL Call. No.: SB950.2.A1J58

SARA title III: if you sit on a committee, you may avoid becoming Bhopal.

Millar, F.

Eugene, Or. : The Coalition; 1989.

Journal of pesticide reform : a publication of the Northwest Coalition for

Alternatives to Pesticides v. 9 (1): p. 9-11; 1989. Includes references.

Language: English

Descriptors: U.S.A.; Pesticides; Environmental pollution; Law; Public opinion

155

NAL Call. No.: A00051

Scott and Sandoz to develop and market biological pesticides.

Nepean, Ont. : Winter House Scientific Publications; 1990 Jul.

New biotech business Canada v. 2 (17): p. 4; 1990 Jul.

Language: English

Descriptors: Biocides; Public opinion

156

NAL Call. No.: 6 F2212

SCS backs off.

Smith, D.

Philadelphia, Pa. : The Journal; 1988 Aug.

Farm journal v. 112 (10): P. 18-19. ill; 1988 Aug.

Language: English

Descriptors: U.S.A.; Soil conservation; Erosion control; Cultivation methods; Cropping systems; Federal programs; Regulation; Incentives; Farmers' attitudes

157

NAL Call. No.: QH545.P4P4793 1993

Seeking a balanced perspective.

Reding, N.L.

New York : Chapman & Hall; 1993.
The Pesticide question : environment, economics, and ethics / David Pimentel, Hugh Lehman, editors. p. 421-425; 1993.

Language: English

Descriptors: U.S.A.; Pesticides; Public opinion; Attitudes; Safety

158

NAL Call. No.: HC110.C6J6

Selecting pesticides and nonchemical alternatives: green thumbs' rules of thumb decision tools.

Grieshop, J.I.; Stiles, M.C.; Bone, P.S.

Madison, Wis. : The University of Wisconsin Press; 1992.

The Journal of consumer affairs v. 26 (1): p. 129-145; 1992. Includes references.

Language: English

Descriptors: California; Pesticides; Agricultural chemicals; Decision making; Gardening; Homeowners; Pest control; Attitudes; Safety; Regional surveys

159

NAL Call. No.: 282.8 J82

Self-interest, altruism, and health-risk reduction: an economic analysis of voting behavior.

Holmes, T.P.

Madison, Wis. : University of Wisconsin Press; 1990 May.

Land economics v. 66 (2): p. 140-149; 1990 May. Includes references.

Language: English

Descriptors: California; Drinking water; Water pollution; Water supplies; Welfare economics; Public health legislation; Public opinion; Environmental protection; Risks; Opportunity costs; Cost benefit analysis; Politics; Descriptive statistics; Economic analysis; Econometric models

160

NAL Call. No.: 99.8 F768

Silvicultural use of wastewater sludge.

Hart, J.B.; Nguyen, P.V.; Urie, D.H.; Brockway, D.G.

Bethesda, Md. : Society of American Foresters; 1988 Aug.

Journal of forestry v. 86 (8): p. 17-24; 1988 Aug. Includes references.

Language: English

Descriptors: Waste waters; Sludges; Application to land; Forests; Silviculture; Growth; Public opinion; Wildlife; Habitats

161

NAL Call. No.: 56.8 J822

Socioeconomics of soil conservation in developing countries.

Stocking, M.

Ankeny, Iowa : Soil Conservation Society of America; 1988 Sep.

Journal of soil and water conservation v. 43 (5): p. 381-385. ill; 1988 Sep.

Includes references.

Language: English

Descriptors: Developing countries; Africa; Soil conservation; Farming systems; Subsistence farming; Program evaluation; Economic evaluation; Erosion; Farmers' attitudes; Rural sociology

162

NAL Call. No.: S622.2.C66

Soil and water conservation lessons from steep-slope farming in French-speaking countries of Africa.

Roose, E.

Ankeny, Iowa : Soil and Water Conservation Society; 1988.

Conservation farming on steep lands / W.C. Moldenhauer and N.W. Hudson, editors. p. 129-139. ill; 1988. Material originally presented at a workshop held in San Juan, Puerto Rico, March 22-27, 1987, and organized by the World Association of Soil and Water Conservation and the Soil and Water Conservation Society. Literature review. Includes references.

Language: English

Descriptors: Francophone Africa; Soil and water conservation; Steepland soils; Sloping sites; Agroforestry; Farmers' attitudes; Terracing; Case studies

163

NAL Call. No.: 56.8 J822

Soil conservation behavior and attitudes among Ontario farmers toward alternative government policy responses.

Duff, S.N.; Stonehouse, D.P.; Hiltz, S.G.; Blackburn, D.J.

Ankeny, Iowa : Soil and Water Conservation Society of America; 1991 May.

Journal of soil and water conservation v. 46 (3): p. 215-219; 1991 May.

Includes references.

Language: English

Descriptors: Ontario; Soil conservation; Erosion control; Environmental policy; Agricultural policy; Regulation

164

NAL Call. No.: HD1773.A3N6

Soil conservation management systems under uncertainty.

Setia, P.P.; Johnson, G.V.

Columbus, Ohio : Ohio State University; 1988 Jan.

North Central journal of agricultural economics v. 10 (1): p. 111-124; 1988 Jan. Includes references.

Language: English

Descriptors: U.S.A.; Soil conservation; Resource management; Uncertainties;

Risks; Farmers' attitudes; Stochastic models; Simulation models; Decision making

165

NAL Call. No.: HD1751.C45

Soil conservation: we can get more for our tax dollars.

Sinner, J.

Ames, Iowa : American Agricultural Economic Association; 1990.

Choices : the magazine of food, farm and resource issues v. 5 (2): p. 10-13. ill; 1990.

Language: English

Descriptors: U.S.A.; Soil conservation; Cropping systems; Innovation adoption; Farmers' attitudes; Cost analysis; Supply balance

166

NAL Call. No.: HD101.S6

Soil erosion, intertemporal profit, and the soil conservation decision.

Pagoulatos, A.; Debertin, D.L.; Sjarkowi, F.

Experiment, Ga. : The Association; 1989 Dec.

Southern journal of agricultural economics - Southern Agricultural Economics Association v. 21 (2): p. 55-62; 1989 Dec. Includes references.

Language: English

Descriptors: Kentucky; Zea mays; Plant production; Erosion; Farmers' attitudes; Innovation adoption; No-tillage; Crop yield; Profit functions; Optimization; Decision making; Cost benefit analysis; Market prices; Discount rates; Econometric models

Abstract: This study developed an intertemporal profit function to determine optimal conservation adoption strategies under alternative scenarios with respect to crop prices, relative yields, discount rates, and other assumptions. Special emphasis was placed on determining from the analysis when the switchover from conventional to soil-conserving practices should take place. Technological change was incorporated by allowing crop yields to vary over time. Our analysis thus provides a new, more precise measurement of the cumulative net benefit differential. The optimal period for switchover from conventional to soil-conserving practices was found to vary depending on the assumptions made about corn Prices and discount rates. Empirical results were based on an erosion damage function (EDF) for Western Kentucky corn production.

167

NAL Call. No.: 100 AL1H

Some farmers don't share public concern about animal waste management.

Molnar, J.J.; Wu, L.S.

Auburn University, Ala. : The Station; 1989.

Highlights of agricultural research - Alabama Agricultural Experiment Station v. 36 (2): p. 11; 1989.

Language: English

Descriptors: Alabama; Animal wastes; Waste disposal; Public opinion;
Pollution by agriculture; Regulations

168

NAL Call. No.: HC59.7.A1W6

A study of water vending and willingness to pay for water in Onitsha, Nigeria. Whittington, D.; Lauria, D.T.; Mu, X.
Elmsford : Pergamon Press; 1991 Feb.
World development v. 19 (2/3): p. 179-195; 1991 Feb. Includes references.

Language: English

Descriptors: Nigeria; Water supply; Marketing; Urban areas; Seasonal fluctuations; Water costs; Household surveys; Consumer attitudes; Case studies

169

NAL Call. No.: S530.J6

Survey of nonirrigated crop production practices and attitudes of Wyoming producers.
Krall, J.M.; Delaney, R.H.; Taylor, D.T.
Madison, Wis. : American Society of Agronomy; 1991.
Journal of agronomic education v. 20 (2): p. 120-122; 1991. Includes references.

Language: English

Descriptors: Wyoming; Sustainability; Irrigation; Crop production; Rotation; Fallow; Pesticides; Fertilizers; Farmers' attitudes; Environmental impact

170

NAL Call. No.: HD2346.U5R8

Survey reveals pesticide concerns increasing among farmers.
Menomonee Falls, Wis. : The Journal; 1989.
Rural enterprise v. 4 (1): p. 15; 1989.

Language: English

Descriptors: U.S.A.; Pesticide application; Farmers' attitudes; National surveys; Environmental degradation; Pesticide side effects

171

NAL Call. No.: S622.2.C66

Sustainable agricultural development in North Thailand: conservation as a component of success in assistance projects.
Harper, D.E.; El-Swaify, S.A.
Ankeny, Iowa : Soil and Water Conservation Society; 1988.
Conservation farming on steep lands / W.C. Moldenhauer and N.W. Hudson, editors. p. 77-92. maps; 1988. Material originally presented at a workshop held in San Juan, Puerto Rico, March 22-27, 1987, and organized by the World Association of Soil and Water Conservation and the Soil and Water Conservation Society. Literature review. Includes references.

Language: English

Descriptors: Thailand; Sustained yield management; Soil conservation; Sloping sites; Tropics; Upland areas; Projects; Goals; Farm surveys; Evaluation; Farmers' attitudes

172

NAL Call. No.: 56.8 J822

Texans' pariorities for river water use.
Stewart, W.P.; Samuelson, C.D.; Brophy, D.R.
Ankeny, Iowa : Soil and Water Conservation Society of America; 1993 May.
Journal of soil and water conservation v. 48 (3): p. 219-222; 1993 May.
Includes references.

Language: English

Descriptors: Texas; River water; Water use; Public opinion; Use value

173

NAL Call. No.: RA565.G68 1993

Toxic risks science, regulation, and perception.
Gots, Ronald E.
Boca Raton : Lewis Publishers,; 1993.
277 p. : ill. ; 25 cm. Includes bibliographical references and index.

Language: English

Descriptors: Environmental health; Toxicology; Health risk assessment

174

NAL Call. No.: HC110.C6J6

Understanding public concerns about pesticides: an empirical examination.
Dunlap, R.E.; Beus, C.E.
Madison, Wis. : The University of Wisconsin Press; 1992.
The Journal of consumer affairs v. 26 (2): p. 418-438; 1992. Includes references.

Language: English

Descriptors: Pacific northwest states of U.S.A.; Pesticide residues; Consumer attitudes; Risk; Regional surveys; Factor analysis; Safety

175

NAL Call. No.: 80 AM371

Universal appeal.
Sampson, R.N.
Chicago, Ill. : American Nurseryman Publishing Company; 1989 Oct01.
American nurseryman v. 170 (7): p. 59, 61-62, 64. ill; 1989 Oct01.

Language: English

Descriptors: U.S.A.; Woody plants; Planting; Programs; Nature conservation; Air pollution; Control methods; Carbon dioxide; Atmosphere; Environmental

degradation; Environmental temperature; Public opinion

176

NAL Call. No.: QD241.T6

Use and attack on expert testimony in toxic substances litigation.
Pierce, S.
London : Gordon and Breach Science Publishers; 1990.
Toxicological and environmental chemistry v. 25 (2/3): p. 181-189; 1990.
Includes references.

Language: English

Descriptors: Toxic substances; Legal systems; Experts; Opinions;
Reliability; Evaluation

177

NAL Call. No.: 281.28 R88

The use of open and closed questions to identify holders of crystallized attitudes: the case of adoption of erosion-control practices among farmers.
Mason, R.; Boersma, L.; Faulkenberry, G.D.
Bozeman : Rural Sociological Society, Montana State University; 1988.
Rural sociology v. 53 (1): p. 96-109; 1988. Includes references.

Language: English

Descriptors: U.S.A.; Farmers' attitudes; Erosion control; Innovation adoption; Behavior; Risks

178

NAL Call. No.: 275.29 ID13IDC

Waste not: the five Rs.
Porter, E.
Moscow, Idaho : The Service; 1992 Apr.
Current information series - Cooperative Extension Service, University of Idaho (926): 3 p.; 1992 Apr. In the subseries: Solid Waste Management.

Language: English

Descriptors: Refuse; Recycling; Conservation; Consumer attitudes

179

NAL Call. No.: 56.8 J822

Water quality, cost-sharing and technical assistance: perceptions of Maryland farmers.
Lichtenberg, E.; Lessley, B.V.
Ankeny, Iowa : Soil and Water Conservation Society of America; 1992 May.
Journal of soil and water conservation v. 47 (3): p. 260-264; 1992 May.
Includes references.

Language: English

Descriptors: Maryland; Water quality; Rivers; Groundwater; Farmers; Attitudes; Perception; Farm surveys; Regional surveys; Qualitative

techniques; Costs; Technical aid; Diffusion of information; Valuation; Soil conservation; Water conservation; Runoff; Erosion control; Soil; Nutrients; Losses from soil systems; Water management

180

NAL Call. No.: TX5.W47

Water use practices and conservation attitudes among residents of apartments in Tucson, Arizona.

Longstreth, M.; Billings, R.B.

S.l. : The Conference :.; 1989.

Papers of the Western Region Home Management Family Economics Educators : annual conference v. 4: p. 70-75; 1989. Paper presented at a conference on "Family self-sufficiency: strategies and implications," November 2-4, 1989, Seattle, Washington. Includes references.

Language: English

Descriptors: Arizona; Water use; Water conservation; Apartments; Consumer attitudes; Deserts; Swimming pools; Landscaping

181

NAL Call. No.: 79.9 SO8 (P)

What cost perception?.

Bone, J.R.

Raleigh, N.C. : The Society :.; 1991.

Proceedings - Southern Weed Science Society v. 44: p. 32-36; 1991. Paper presented at the meeting on "Perception: Fact or Fiction", held January 14-16, 1991, San Antonio, Texas. Includes references.

Language: English

Descriptors: U.S.A.; Weeds; Pesticides; Perception; Environmental protection

182

NAL Call. No.: 99.8 F762

Which way to the revolution?.

Grove, N.

Washington, D.C. : American Forestry Association; 1990 202.

American forests v. 96 (3/4): p. 21-23, 58. ill; 1990 202.

Language: English

Descriptors: Environmental degradation; Environmental pollution; Public opinion

183

NAL Call. No.: SB4.P76

Whither pesticides?.

Taylor, R.

Oxford : Blackwell Scientific Publications; 1989 Oct.

Professional horticulture v. 3 (3): p. 99-101. ill; 1989 Oct. Includes references.

Language: English

Descriptors: United Kingdom; Pesticides; Environmental legislation; Regulations; Public opinion; Education

184

NAL Call. No.: 100 AL1H

Who do Alabamians trust about agricultural chemicals and the environment?.
Molnar, J.J.; Traxler, M.J.
Auburn University, Ala. : The Station; 1992.
Highlights of agricultural research - Alabama Agricultural Experiment Station v. 39 (4): p. 14; 1992.

Language: English

Descriptors: Alabama; Agricultural chemicals; Environment; Public opinion; Information services

185

NAL Call. No.: 80 G85W

Who's calling the shots?.
Aylsworth, J.
Willoughby, Ohio : Meister Pub. Co; 1988 Apr.
Western fruit grower v. 108 (4): p. 16-17; 1988 Apr.

Language: English

Descriptors: Pesticides; Regulations; Legislation; Consumer attitudes; Mass media; Misinformation

186

NAL Call. No.: 56.8 J822

Why eligible landowners did not participate in the first four sign-ups of the Conservation Reserve Program.
Esseks, J.D.; Kraft, S.E.
Ankeny, Iowa : Soil Conservation Society of America; 1988 May.
Journal of soil and water conservation v. 43 (3): p. 251-256; 1988 May.
Includes references.

Language: English

Descriptors: U.S.A.; Soil and water conservation; Farmers' attitudes; Landowners; Farm surveys; Eligibility; Incentives; Usda; Participation

187

NAL Call. No.: 56.8 J822

Wildlife management on conservation reserve program land: thefarmer 's view.
Miller, E.J.; Bromley, P.T.
Ankeny, Iowa : Soil and Water Conservation Society of America; 1989 Sep.
Journal of soil and water conservation v. 44 (5): p. 438-440. ill; 1989 Sep.
Includes references.

Language: English

Descriptors: Wildlife management; Soil conservation; Natural resources;
Farmers' attitudes

188

NAL Call. No.: HT401.J68

Willingness of land operators to participate in government-sponsored soil erosion control programs.

Napier, T.L.; Thraen, C.S.; Camboni, S.M.

Elmsford, N.Y. : Pergamon Journals; 1988.

Journal of rural studies v. 4 (4): p. 339-347; 1988. Includes references.

Language: English

Descriptors: Ohio; Landowners; Erosion control; Farmers' attitudes; Federal programs; Farm surveys; Land diversion

189

NAL Call. No.: 292.8 W295

Willingness to pay for improvements in drinking water quality.

Jordan, J.L.; Elnagheeb, A.H.

Washington, D.C. : American Geophysical Union; 1993 Feb.

Water resources research v. 29 (2): p. 237-245; 1993 Feb. Includes references.

Language: English

Descriptors: Georgia; Drinking water; Water quality; Improvement; Consumer attitudes; Consumer surveys; Costs

Abstract: In this paper, data from a 1991 survey of Georgia residents were used to study people's willingness to pay (WTP) for improvements in drinking water quality and people's perceptions of potential groundwater contamination. Results showed that 27% of the respondents served by public water supplies rated drinking water quality as poor, and 23% were uncertain about their drinking water quality. The contingent valuation method was used to estimate WTP using a checklist format. The median estimated WTP was \$5.49 per month above their current water bills for people on public systems and \$7.38 for those using private wells, after rejecting outliers and using the maximum likelihood method. The aggregate WTP for all of Georgia was estimated to be about \$111.5 million per year for public water users and 42.3 million per year for private well owners. This aggregate WTP can serve as an estimate of benefits to consumers from improvements in drinking water quality statewide.

190

NAL Call. No.: TD420.A1P7

Winning support for reclamation projects through pro-active communication programs.

Wegner-Gwidt, J.

Oxford : Pergamon Press; 1991.

Water science and technology : a journal of the International Association on Water Pollution Research and Control v. 24 (9): p. 313-322; 1991. In the series analytic: Wastewater Reclamation and Reuse/edited by R. Mujeriego and

T. Asano. Proceedings of the International Symposium of Wastewater Reclamation and Reuse, September 24-26, 1991, Costa Brava, Spain.

Language: English

Descriptors: U.S.A.; Waste water treatment; Water reuse; Reclamation; Projects; Public opinion; Communication; Educational programs

191

NAL Call. No.: Q125.E5

Wisconsin's acid rain battle: science, communication, and public policy, 1979-1989.
Lovely, R.
Newark, N.J. : American Society for Environmental History; 1990.
Environmental review v. 14 (3): p. 21-48. ill; 1990. Includes references.

Language: English

Descriptors: Wisconsin; Acid rain; Public opinion; Scientists; Mass media; Environmental policy; Regulations

192

NAL Call. No.: S622.2.I5 1989

Zambia's soil conservation heritage: a review of policies and attitudes towards soil conservation from colonial times to the present.
Wood, A.P.
Ankeny, Iowa? : Soil and Water Conservation Society; 1992.
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Language: English

Descriptors: Zambia; Soil conservation; History; Attitudes; Environmental policy

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Attitudes Toward Water Resources
 SEARCH STRATEGY

Set	Items	Description
===	=====	=====
S1	12988	(ENVIRONMENTAL()QUALITY OR WATER()QUALITY OR DRINKING()WATER OR WATER()POLLUTION OR GROUNDWATER()POLLUTION OR POLLUTION(2N)AGRICULTUR?)/TI,DE,ID
S2	104369	SH=(H000 OR P200 OR W000 OR M000 OR J800)
S3	106616	S1 OR S2
S4	7825	(Attitude? ? or perception? ? or opinion? ?)/ TI,DE,ID
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